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Go to: [Derwent](#) [Email this to a friend](#)Title: **CN1081168A: MODIFIED PORTLAND CEMENT COMPOSITE MATERIAL AND ITS APPLICATION**Derwent Title: Modified Portland cement composite material [\[Derwent Record\]](#)Country: **CN** ChinaKind: **A** Unexamined APPLIC. open to Public inspection !Inventor: **DU CHENGYU**; ChinaAssignee: **CONSTRUCTION ENGINEERING RESEARCH INST., BEIJING** China  
[News, Profiles, Stocks and More about this company](#)[High Resolution](#)Published / Filed: **1994-01-26 / 1993-07-28**Application Number: **CN19939393108869**IPC Code: **C04B 28/22; C04B 14/38; E04C 2/04;**ECLA Code: **C04B28/18C2;**Priority Number: **1993-07-28 CN19939393108869**


Abstract: The present invention relates to a modified Portland cement composite material and the method of using it as gelatinizer in the prodn of 6-20 mm thick building components. Its hydrate has reduced liquid-phase alkalinity, which enables it to act as gelatinizer of fibre-reinforced cement. 20-50% volcanic ash material as well as sand, water and reinforcing fibre are added into Portland cement to produce building components, which are cured at 50-90 deg.C and 80-100% RH. The present invention makes it possible to reduce the cost of building components greatly.

Family:

PDF	Publication	Pub. Date	Filed	Title
<input checked="" type="checkbox"/>	<b>CN1081168A</b>	1994-01-26	1993-07-28	MODIFIED PORTLAND CEMENT COMPOSITE MATERIAL AND ITS APPLICATION
1 family members shown above				

Forward References:

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PDF	Patent	Pub.Date	Inventor	Assignee	Title
	<b>US6572697</b>	2003-06-03	Gleeson; James A.	James Hardie Research Pty Limited	Fiber cement building materials with low density additives

Other Abstract  
Info:

CHEMABS 122(08)087756K CAN122(08)087756K DERABS C95-155696 DERC95-155696



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